L Number	Hits	Search Text	DB	Time stamp
1	11069	layers same threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 07:42
6	1776	video same layer same (bandwidth or transmission)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:08
7	37	video near layer with (bandwidth or transmission)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:30
8	5570	bandwidth same threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:42
9	18593	video same layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:42
10	363	(video same layer) same enhancement	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:42
12	150	((video same layer) same enhancement) same (transmission or bandwidth)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:42
13	15131	(bandwidth or transmission) with threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:42
14	30435	(bandwidth or transmi$7) with threshold$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:42
15	894	((bandwidth or transmi$7) with threshold$4) same layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
21	1391	enhancement near layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
22	226	(enhancement near layer) same (bandwidth or transmission)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
28	0	6480547.URPN.	USPAT	2003/09/12 09:43
32	136	video same DCT same threshold	USPAT; US-PGPUB	2003/09/12 09:43
36	70	(enhancement near layer) with DCT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43

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38	2	(enhancement near layer) with DCT same threshold$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
41	37	(enhancement near layer) same threshold$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
43	69	(enhancement near (layer or data)) same threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
45	0	threshold near based near layering near process	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
46	448129	threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
49	211	(threshold near2 layer$4) and video	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
16	33	layer with video with enhancement with bandwidth	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
17	1	layer with video with enhancement with bandwidth same threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
18	4	(bandwidth same threshold) same (enhancement with layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
19	7	(((video same layer) same enhancement) same (transmission or bandwidth)) same (threshold$4 or contrain$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
20	17	(((bandwidth or transmi$7) with threshold$4) same layer) same video	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
23	11	((enhancement near layer) same (bandwidth or transmission)) same threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
26	1	6275531.URPN.	USPAT	2003/09/12 09:44
27	7	("5457496" | "5457497" | "5497246" | "5590127" | "5612735" | "5729532" | "5903679").PN.	USPAT	2003/09/12 09:44
29	5	("5301018" | "5349383" | "5353061" | "6256346" | "6275531").PN.	USPAT	2003/09/12 09:44

34	29	video same DCT same threshold same (transmi$7 or bandwidth)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
35	39	(bit near plane) with (enhancement near layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
37	2	(enhancement near layer) with DCT with threshold$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
39	10	(enhancement near layer) with DCT same bandwidth	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
40	24	(enhancement near layer) with threshold$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
42	13	((enhancement near layer) same threshold$4) not ((enhancement near layer) with threshold$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
44	36	((enhancement near (layer or data)) same threshold) not ((enhancement near layer) same threshold$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
47	3	threshold near2 layer$4 near process	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
48	2361	threshold near2 layer$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
50	4	(threshold near2 layer$4) and video and DCT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
51	125	(threshold near2 layer$4) and video and (bandwidth or transmission)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44

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Optimal Streaming of Layered Video - Saparilla, Ross (1999) (Correct) (11 citations)
the video has been encoded into a base and an **enhancement layer**, and that to decode the **enhancement**
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www.eurecom.fr/~saparill/infocom00.ps

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a meaningful service. The other flow includes **enhancement** information. The idea then is to transmit both
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Motion Prediction Based on Temporal Layering for Layered Video.. - Lee (1998) (Correct) (6 citations)
video coding algorithms [4]5]When some **enhancement layers** are dropped due to, for example,
1, JULY 1998. 1 Motion Prediction Based on Temporal **Layer**ing for **Layer**ed Video Coding Jae-Yong Lee,
from the previous one more than a certain **threshold**) has been used [6] even though we can no more
dali.korea.ac.kr/research/LVideo/lvideo_itc98.ps.gz

Providing Rate Guarantees For Internet Application .. - Andrikopoulos.. (1999) (Correct) (2 citations)
not provide any QoS guarantees. GFR is a major **enhancement** to UBR and has been elected as a new ATM
mechanisms. These may be performed by higher **layers** (e.g. the TCP **layer**) at the end systems. The ATM
achieved. The EPD mechanism uses a static **threshold** R that is less than the buffer size. When mild
www.ee.surrey.ac.uk/Personal/G.Pavlou/Publications/Journal-papers/Andrik-99a.pdf

A Smart Vision System-On-A-Chip Design Based On Programmable .. - Wai-Chi Fang Det (Correct)
orders-of-magnitude computing performance **enhancements** for on-board real-time vision tasks. 4.1.
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includes the information for synapse weights, **threshold** values, and boundary conditions. The OCNN
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A Rate Control Method For H.263 Temporal Scalability - Ishtiaq, Katsaggelos (1999) (Correct)
dropped frames in the form of a scalable **enhancementlayer** to increase the overall encoded frame
rate. The proposed methodology extends the base **layer** rate control to the **enhancement layer** and
i, as a B frame is made if F #i# exceeds a given **threshold** value, FTH ,that is if F #i# FTH Encode
ivpl.ece.nwu.edu/Publications/Conferences/1999/icip99g.pdf

Early Selective Packet Discard for Alternating Resource Access .. - Cheon, Panwar (Correct)
so that it gets e#ective throughput **enhancement** over RCD, and EPD provides further **enhancement**
src refers to the source node whose application **layer** corresponds to a TCP packet source and dest
scheme#6#Avariation of EPD with multiple **thresholds** designed to improve performance is discussed
catt.poly.edu/CATT/Icn97Cheon.pdf

Improving Layered Video Multicast using Active Networks - Gonçalves, de.. (Correct)
and state within the network to yield **enhancements** to **layer**ed video distribution. The result is

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A New Shot Boundary Detection Algorithm - Zhang, Qi, Zhang (2001) (Correct) (2 citations)
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